```
L2    ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2006 ACS on STN
RN    808748-32-5  REGISTRY
ED    Entered STN:  06 Jan 2005
CN    Glycine, N-(3'-cyano[1,1'-biphenyl]-4-yl)-N-(methylsulfonyl)- (9CI)   (CA
      INDEX NAME)
MF    C16 H14 N2 O4 S
SR    CA
LC    STN Files:   CA, CAPLUS, USPATFULL
```
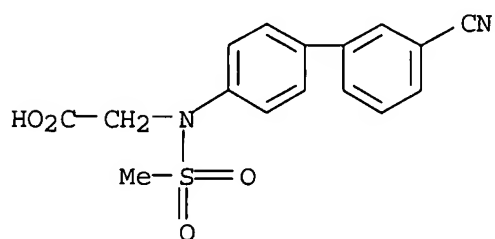


```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

          1 REFERENCES IN FILE CA (1907 TO DATE)
          1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


=> s l1 sss full
FULL SEARCH INITIATED 13:21:03 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -        376 TO ITERATE

100.0% PROCESSED        376 ITERATIONS                        9 ANSWERS
SEARCH TIME: 00.00.01

L3              9 SEA SSS FUL L1

=> d l3 ibib abstr hitstr 1-9
'IBIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'
'ABSTR' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'
'HITSTR' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual
fields or predefined formats.  The predefined substance formats
are:  (RN = CAS Registry Number)

REG    - RN
SAM    - Index Name, MF, and structure - no RN
FIDE   - All substance data, except sequence data
IDE    - FIDE, but only 50 names
SQIDE  - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD    - Protein sequence data, includes RN
SQD3   - Same as SQD, but 3-letter amino acid codes are used
SQN    - Protein sequence name information, includes RN

CALC   - Table of calculated properties
EPROP  - Table of experimental properties
PROP   - EPROP and CALC
```

Any CA File format may be combined with any substance format to
obtain CA references citing the substance.  The substance formats
must be cited first.  The CA File predefined formats are:

ABS  -- Abstract
APPS -- Application and Priority Information
BIB  -- CA Accession Number, plus Bibliographic Data
CAN  -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND  -- Index Data
IPC  -- International Patent Classification
PATS -- PI, SO
STD  -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when
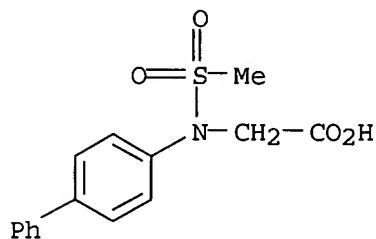it is available.
The MAX format is the same as ALL.
The IALL format is the same as ALL with BIB ABS and IND indented,
with text labels.

For additional information, please consult the following help
messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):ide

L3    ANSWER 1 OF 9  REGISTRY  COPYRIGHT 2006 ACS on STN
RN    808748-38-1  REGISTRY
ED    Entered STN:  06 Jan 2005
CN    Glycine, N-[1,1'-biphenyl]-4-yl-N-(methylsulfonyl)- (9CI)   (CA INDEX NAME)
MF    C15 H15 N O4 S
SR    CA
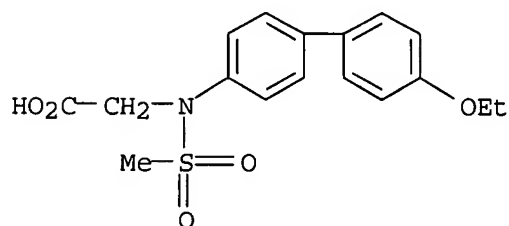LC    STN Files:   CA, CAPLUS, USPATFULL



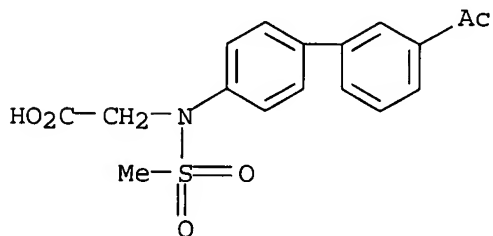**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L3    ANSWER 2 OF 9  REGISTRY  COPYRIGHT 2006 ACS on STN
RN    808748-36-9  REGISTRY
ED    Entered STN:   06 Jan 2005
CN    Glycine, N-(4'-ethoxy[1,1'-biphenyl]-4-yl)-N-(methylsulfonyl)- (9CI)    (CA
      INDEX NAME)
MF    C17 H19 N O5 S
SR    CA
LC    STN Files:   CA, CAPLUS, USPATFULL



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3    ANSWER 3 OF 9  REGISTRY  COPYRIGHT 2006 ACS on STN
RN    808748-34-7  REGISTRY
ED    Entered STN:   06 Jan 2005
CN    Glycine, N-(3'-acetyl[1,1'-biphenyl]-4-yl)-N-(methylsulfonyl)- (9CI)    (CA
      INDEX NAME)
MF    C17 H17 N O5 S
SR    CA
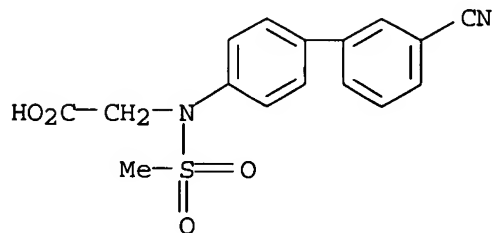LC    STN Files:   CA, CAPLUS, USPATFULL



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3    ANSWER 4 OF 9  REGISTRY  COPYRIGHT 2006 ACS on STN
RN    808748-32-5  REGISTRY
ED    Entered STN:   06 Jan 2005
CN    Glycine, N-(3'-cyano[1,1'-biphenyl]-4-yl)-N-(methylsulfonyl)- (9CI)    (CA

        INDEX NAME)
MF    C16 H14 N2 O4 S
SR    CA
LC    STN Files:   CA, CAPLUS, USPATFULL

HO2C—CH2—N—(biphenyl)—CN
          |
      Me—S=O
          ‖
          O

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

        1 REFERENCES IN FILE CA (1907 TO DATE)
        1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3    ANSWER 5 OF 9   REGISTRY   COPYRIGHT 2006 ACS on STN
RN    808748-30-3   REGISTRY
ED    Entered STN:   06 Jan 2005
CN    Glycine, N-(4'-methyl[1,1'-biphenyl]-4-yl)-N-(methylsulfonyl)- (9CI)   (CA
      INDEX NAME)
MF    C16 H17 N O4 S
SR    CA
LC    STN Files:   CA, CAPLUS, USPATFULL

HO2C—CH2—N—(biphenyl)—Me
          |
      Me—S=O
          ‖
          O

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

        1 REFERENCES IN FILE CA (1907 TO DATE)
        1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3    ANSWER 6 OF 9   REGISTRY   COPYRIGHT 2006 ACS on STN
RN    808748-28-9   REGISTRY
ED    Entered STN:   06 Jan 2005
CN    Glycine, N-(4'-methoxy[1,1'-biphenyl]-4-yl)-N-(methylsulfonyl)- (9CI)   (CA
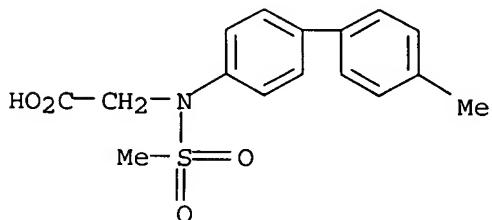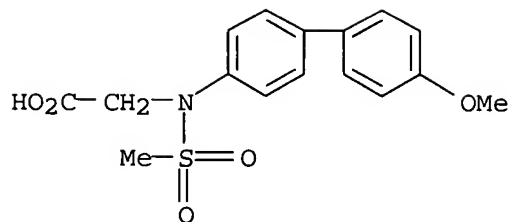      INDEX NAME)
MF    C16 H17 N O5 S
SR    CA
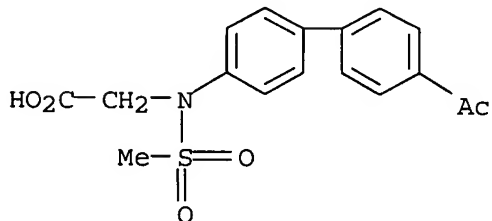LC    STN Files:   CA, CAPLUS, USPATFULL

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

    1 REFERENCES IN FILE CA (1907 TO DATE)
    1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

| | |
|---|---|
| L3 | ANSWER 7 OF 9  REGISTRY  COPYRIGHT 2006 ACS on STN |
| RN | 808748-27-8  REGISTRY |
| ED | Entered STN:  06 Jan 2005 |
| CN | Glycine, N-(4'-acetyl[1,1'-biphenyl]-4-yl)-N-(methylsulfonyl)- (9CI)  (CA INDEX NAME) |
| MF | C17 H17 N O5 S |
| SR | CA |
| LC | STN Files:  CA, CAPLUS, USPATFULL |



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

    1 REFERENCES IN FILE CA (1907 TO DATE)
    1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

| | |
|---|---|
| L3 | ANSWER 8 OF 9  REGISTRY  COPYRIGHT 2006 ACS on STN |
| RN | 808748-25-6  REGISTRY |
| ED | Entered STN:  06 Jan 2005 |
| CN | Glycine, N-(methylsulfonyl)-N-[4'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl]- (9CI)  (CA INDEX NAME) |
| MF | C16 H14 F3 N O5 S |
| SR | CA |
| LC | STN Files:  CA, CAPLUS, USPATFULL |

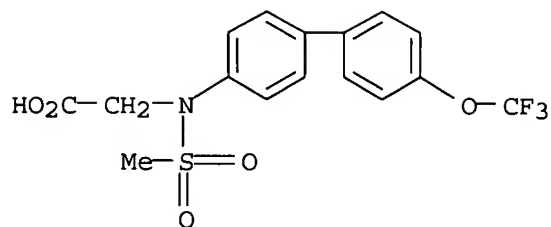HO₂C—CH₂—N(—Me—S(=O)=O with O below)—[biphenyl]—O—CF₃

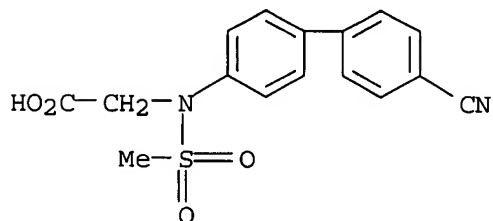**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3    ANSWER 9 OF 9   REGISTRY   COPYRIGHT 2006 ACS on STN
RN    808748-23-4   REGISTRY
ED    Entered STN:   06 Jan 2005
CN    Glycine, N-(4'-cyano[1,1'-biphenyl]-4-yl)-N-(methylsulfonyl)- (9CI)   (CA
      INDEX NAME)
MF    C16 H14 N2 O4 S
SR    CA
LC    STN Files:   CA, CAPLUS, USPATFULL

HO₂C—CH₂—N(—Me—S(=O)=O with O below)—[biphenyl]—CN

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS                         SINCE FILE      TOTAL
                                               ENTRY        SESSION
FULL ESTIMATED COST                           187.70        187.91

FILE 'CAPLUS' ENTERED AT 13:22:15 ON 19 OCT 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

MMP case 10/561055

FILE COVERS 1907 - 19 Oct 2006  VOL 145 ISS 17
FILE LAST UPDATED: 18 Oct 2006  (20061018/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

```
=> s 13/prep
            1 L3
      3543403 PREP/RL
L4            1 L3/PREP
                 (L3 (L) PREP/RL)


=> d l4


L4    ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2006 ACS on STN
AN    2004:1154657  CAPLUS <<LOGINID::20061019>>
DN    142:56659
TI    Preparation of N-arylglycine derivatives and related compounds as
      inhibitors of matrix metalloproteinase
IN    Holmes, Ian; Watson, Stephen Paul
PA    Glaxo Group Limited, UK
SO    PCT Int. Appl., 33 pp.
      CODEN: PIXXD2
DT    Patent
LA    English
FAN.CNT 1
      PATENT NO.            KIND   DATE        APPLICATION NO.         DATE
      ---------------       ----   --------    --------------------    --------
PI    WO 2004113279          A1    20041229    WO 2004-EP6553          20040616
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
             TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
             EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
             SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
             SN, TD, TG
      EP 1636174             A1    20060322    EP 2004-740011          20040616
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR
      US 2006142385          A1    20060629    US 2005-561055          20051216
PRAI  GB 2003-14488          A     20030620
      WO 2004-EP6553         W     20040616
OS    MARPAT 142:56659
RE.CNT  5     THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> d l4 hitstr


L4    ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2006 ACS on STN
```

IT    808748-23-4P 808748-25-6P 808748-27-8P
      808748-28-9P 808748-30-3P 808748-32-5P
      808748-34-7P 808748-36-9P 808748-38-1P
      RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
      (Therapeutic use); BIOL (Biological study); PREP (Preparation);
      USES (Uses)
          (preparation of N-arylglycine derivs. and related compds. as inhibitors of
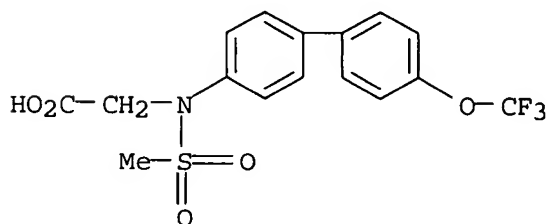          matrix metalloproteinase)
RN    808748-23-4   CAPLUS
CN    Glycine, N-(4'-cyano[1,1'-biphenyl]-4-yl)-N-(methylsulfonyl)- (9CI)   (CA
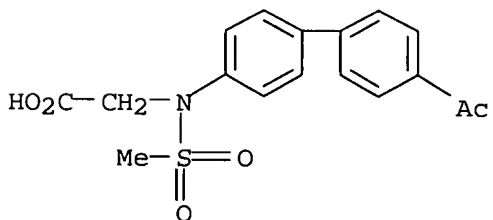      INDEX NAME)

HO2C—CH2—N—[biphenyl]—CN
           |
      Me—S=O
           ||
           O
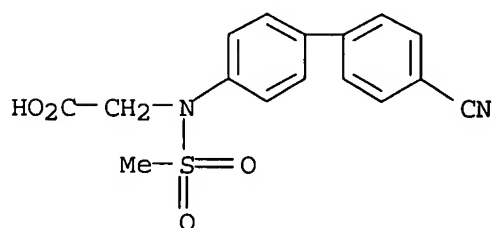
RN    808748-25-6   CAPLUS
CN    Glycine, N-(methylsulfonyl)-N-[4'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl]-
      (9CI)   (CA INDEX NAME)

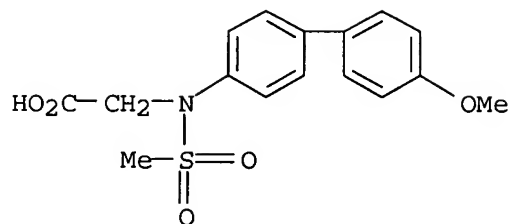HO2C—CH2—N—[biphenyl]—O—CF3
           |
      Me—S=O
           ||
           O

RN    808748-27-8   CAPLUS
CN    Glycine, N-(4'-acetyl[1,1'-biphenyl]-4-yl)-N-(methylsulfonyl)- (9CI)   (CA
      INDEX NAME)

HO2C—CH2—N—[biphenyl]—Ac
           |
      Me—S=O
           ||
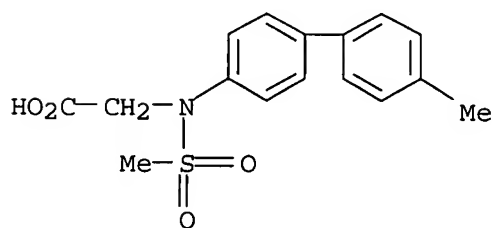           O

RN    808748-28-9   CAPLUS
CN    Glycine, N-(4'-methoxy[1,1'-biphenyl]-4-yl)-N-(methylsulfonyl)- (9CI)   (CA
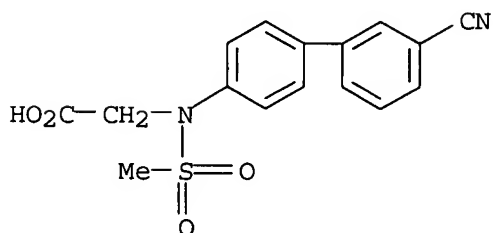      INDEX NAME)

HO2C—CH2—N

Me—S=O

O

OMe

RN    808748-30-3   CAPLUS
CN    Glycine, N-(4'-methyl[1,1'-biphenyl]-4-yl)-N-(methylsulfonyl)- (9CI)   (CA
      INDEX NAME)

HO2C—CH2—N

Me—S=O

O

Me

RN    808748-32-5   CAPLUS
CN    Glycine, N-(3'-cyano[1,1'-biphenyl]-4-yl)-N-(methylsulfonyl)- (9CI)   (CA
      INDEX NAME)

HO2C—CH2—N

Me—S=O

O

CN

RN    808748-34-7   CAPLUS
CN    Glycine, N-(3'-acetyl[1,1'-biphenyl]-4-yl)-N-(methylsulfonyl)- (9CI)   (CA
      INDEX NAME)

HO2C—CH2—N

Me—S=O

O

Ac
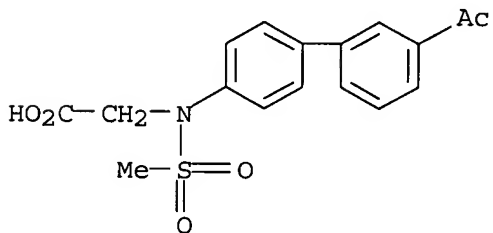
RN    808748-36-9   CAPLUS
CN    Glycine, N-(4'-ethoxy[1,1'-biphenyl]-4-yl)-N-(methylsulfonyl)- (9CI)   (CA

INDEX NAME)

HO2C—CH2—N

Me—S=O

O

RN    808748-38-1   CAPLUS
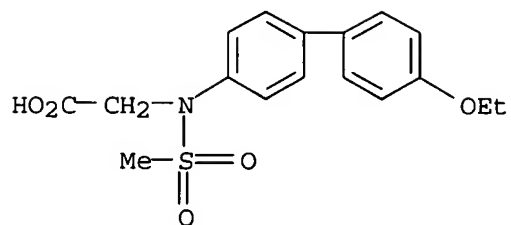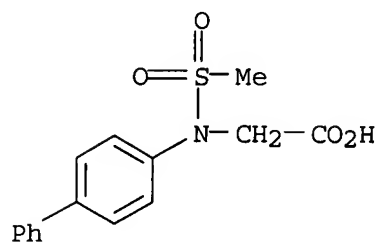CN    Glycine, N-[1,1'-biphenyl]-4-yl-N-(methylsulfonyl)- (9CI)   (CA INDEX NAME)

O

O=S—Me

N—CH2—CO2H

Ph

```
=> s l3/proc
            1 L3
      3990337 PROC/RL
L5          0 L3/PROC
              (L3 (L) PROC/RL)

=> s l3/casract
'CASRACT' IS NOT A VALID CROSSOVER QUALIFIER FOR L3
Answer sets created in a different file may be field qualified with a
limited set of qualifiers.  Enter HELP CROSSOVER at an arrow prompt
(=>) for specific information.

=> s l3/ract
            1 L3
      2905783 RACT/RL
L6          0 L3/RACT
              (L3 (L) RACT/RL)

=> d his

    (FILE 'HOME' ENTERED AT 13:19:20 ON 19 OCT 2006)

    FILE 'REGISTRY' ENTERED AT 13:19:33 ON 19 OCT 2006
L1              STRUCTURE UPLOADED
L2          1 S L1 SSS SAM
L3          9 S L1 SSS FULL

    FILE 'CAPLUS' ENTERED AT 13:22:15 ON 19 OCT 2006
L4          1 S L3/PREP
L5          0 S L3/PROC
```

MMP case 10/561055

L6          0 S L3/RACT

=> sav 11-16
ENTER NAME OR (END):mmp1055/1

=> log y
COST IN U.S. DOLLARS                                SINCE FILE        TOTAL
                                                    ENTRY  '    SESSION
FULL ESTIMATED COST                                 11.66        199.57

STN INTERNATIONAL LOGOFF AT 13:25:00 ON 19 OCT 2006